

PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES INSTALLING VIDEO DETECTION FOR W/B US 113. US 13 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

II. INTERSECTION OPERATION

THE INTERSECTION IS EQUIPPED WITH A EIGHT PHASE FULLY-TRAFFIC-ACTUATED CONTROLLER HOUSED IN A BASE MOUNTED CABINET. THIS INTERSECTION WILL OPERATE IN A NEMA SIX (6) PHASE FULLY-TRAFFIC-ACTUATED MODE WITH BOTH NORTHBOUND AND SOUTHBOUND US 13 MOVEMENTS OPERATING CONCURRENTLY. NORTHBOUND AND SOUTHBOUND US 113/MD 250 MOVEMENTS WILL OPERATE AS SIDE STREET SPLITS, WITH SOUTHBOUND MD 250 BEING SERVED FIRST ON THE SIDE ROAD.

EQUIPMENT LIST 'A'

EQUIPMENT TO BE FURNISHED BY THE SHA.

ITEM NO.	QUANTITY	DESCRIPTION
9086	1 EACH	VIDEO DETECTION INTERFACE EQUIPMENT: 1-4 CAMERAS

EQUIPMENT LIST 'B'

B. EQUIPMENT TO BE FURNISHED AND/ OR INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
8004	1 EACH	REMOVE AND DISPOSE OF MATERIAL AND EQUIPMENT PER ASSIGNMENT
8026	1 EACH	VIDEO DETECTION CAMERA
8028	500 LF	VIDEO DETECTION CABLE, CAMERA TO CONTROLLER

EQUIPMENT LIST 'C'

C. EQUIPMENT TO BE REMOVED AND RETURNED TO SHA

ITEM NO.	QUANTITY	DESCRIPTION
ALL REMOVED MATERIALS ARE TO BECOME THE PROPERTY OF THE CONTRACTOR		

1	2	3	4	5	6	7	8	9	10	11	12	13	14
R	R	R	R	R	R	R	R	R	R	R	R	R	R
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
G	G	G	G	G	G	G	G	G	G	G	G	G	G

PHASE 1 + 5	-G	-G	R	R	-G	-G	R	R	R	R	R	R	R	FL	FL	
PHASE 1 + 5 CHANGE	THE CONTROLLER MAY SKIP TO PHASE 1 + 6, 2 + 5 OR 2 + 6														FL	FL
PHASE 1 + 6	-G	-G	G	G	-R	-R	R	R	R	R	R	R	R	FL	FL	
PHASE 1 + 6 CHANGE	-Y	-Y	Y	Y	-R	-R	R	R	R	R	R	R	R	FL	FL	
PHASE 2 + 5	-R	-R	R	R	-G	-G	G	G	R	R	R	R	R	FL	FL	
PHASE 2 + 5 CHANGE	-R	-R	R	R	-Y	-Y	Y	Y	R	R	R	R	R	FL	FL	
PHASE 2 + 6	-R	-R	G	G	-R	-R	G	G	R	R	R	R	R	FL	FL	
PHASE 2 + 6 CHANGE	-R	-R	Y	Y	-R	-R	Y	Y	R	R	R	R	R	FL	FL	
PHASE 3	-R	-R	R	R	-R	-R	R	R	G	G	R	R	R	FL	FL	
PHASE 3 CHANGE	-R	-R	R	R	-R	-R	R	R	Y	Y	R	R	R	FL	FL	
PHASE 4	-R	-R	R	R	-R	-R	R	R	R	R	G	G	R	FL	FL	
PHASE 4 CHANGE	-R	-R	R	R	-R	-R	R	R	R	R	Y	Y	R	FL	FL	
PRE-EMPT 1	-G	-G	G	G	-R	-R	R	R	R	R	R	R	R	FL	FL	
PRE-EMPT 1 CHANGE	-Y	-Y	Y	Y	-R	-R	R	R	R	R	R	R	R	FL	FL	
PRE-EMPT 2	-R	-R	R	R	-R	-R	R	R	G	G	R	R	R	FL	FL	
PRE-EMPT 2 CHANGE	-R	-R	R	R	-R	-R	R	R	Y	Y	R	R	R	FL	FL	
FLASHING OPERATION	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	

THE CONTACT PERSONS FOR DISTRICT #2 ARE AS FOLLOWS:

Mr. Gene Coffell
Assistant District Engineer - Traffic
Phone: 410-677-4040

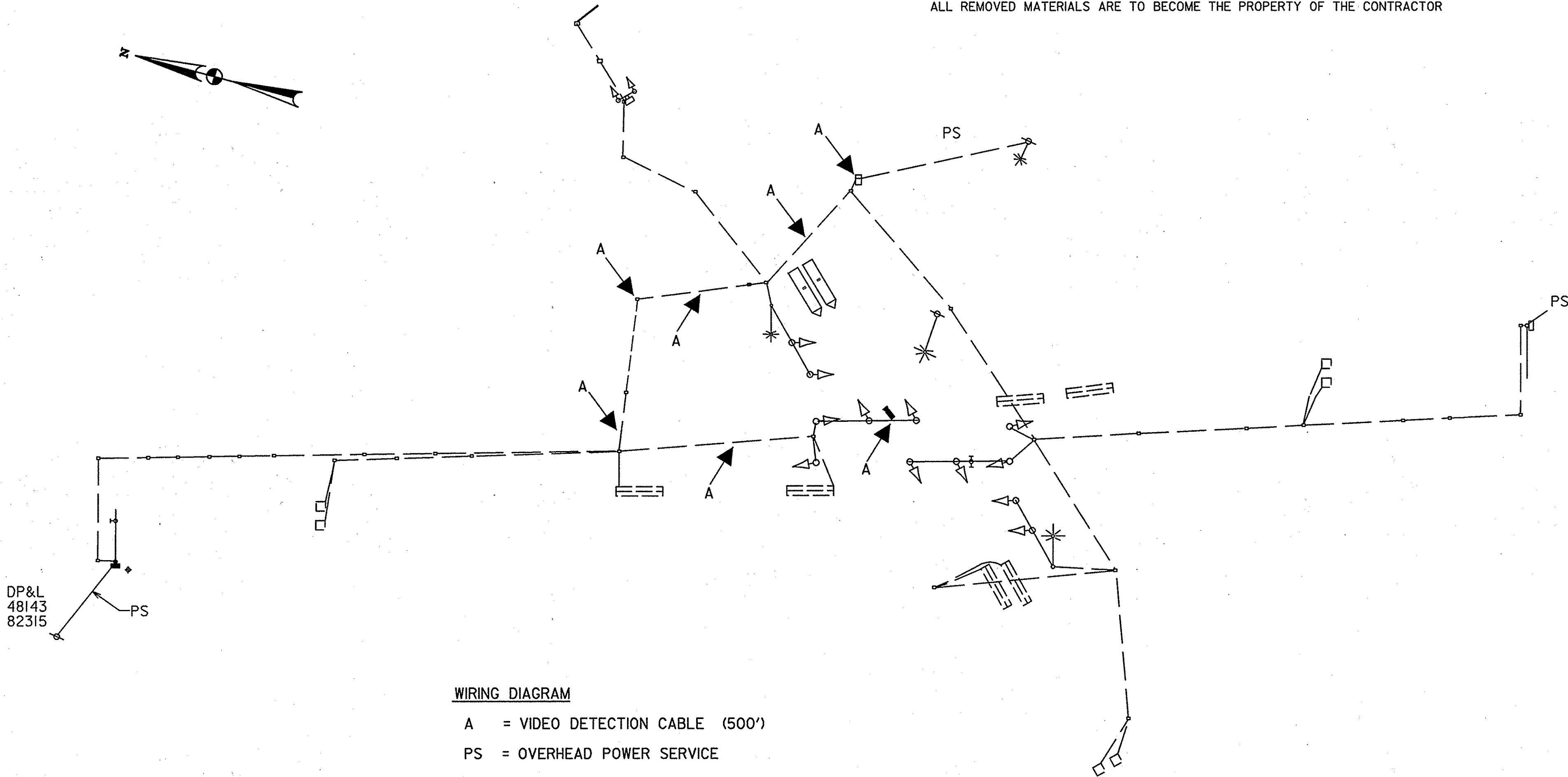
Mr. Bruce Poole
District Utility Engineer
Phone: 410-677-4082

Mr. James Wright
Assistant District Engineer - Maintenance
Phone: 410-677-4010

Mr. Richard L. Daff Sr.
Chief, Traffic Operations Division
Phone: 410-787-7630

THE CONTACT PERSONS FOR CONECTIV:

Mr. Chris Smith
P.O. Box 1739
Salisbury, MD 21802-1739
Phone: 410-860-6036



WIRING DIAGRAM

A = VIDEO DETECTION CABLE (500')
PS = OVERHEAD POWER SERVICE



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
US 13 @ US 113 /MD 250

APPROVALS		REVISIONS		SIGNALIZATION PLAN SHEET	
TEAM LEADER				SCALE 1" = 30'	DATE 04/75 CONTRACT NO.
ASST. DIV. CHIEF				DESIGNED BY	COUNTY WORCESTER
DIVISION CHIEF				DRAWN BY	LOGMILE 23001304.55
OFFICE DIRECTOR				CHECKED BY	TIMS NO. PENDING
				FAP NO.	TOD NO.
				TS NO.	DRAWING OF SHEET NO. 2 OF 2

PLOTTED: Friday, July 20, 2007 at 7:06:28 AM
FILE: US13@US113I.DGN